

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|--------------------|------------------|---------|------------------|
| L1    | 228226 | liquid with crystal\$5  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:09 |
| L2    | 33374  | electrolumines\$5 or (electro adj<br>lumines\$5)  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:10 |
| L3    | 17906  | 1 and 2   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:10 |
| L4    | 11758  | 1 same 2  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:10 |
| L5    | 508939 | lumines\$5 or fluores\$5 or<br>phosphores\$5 or<br>electrophosphores\$5 or ((triplet or<br>light) with (emit\$5 or emiss\$5)) | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:10 |
| L6    | 81428  | 1 and 5   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:10 |
| L7    | 66530  | 6 not 3   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:11 |
| L8    | 6002   | ((428/690,917) or (313/504,506)).<br>CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/08/16 13:11 |
| L9    | 280    | (428/1.3,1.4).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/08/16 13:11 |
| L10   | 556    | (313/110).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/08/16 13:11 |
| L11   | 3724   | (257/40,98).CCLS.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/08/16 13:11 |
| L12   | 335    | (349/33).CCLS.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/08/16 13:11 |
| L13   | 1949   | 8 and 1   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:11 |
| L14   | 39     | 2 and 9   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:11 |
| L15   | 105    | 5 and 9   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:12 |
| L16   | 77     | 15 not 14   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:12 |
| L17   | 14     | 2 and 12  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:12 |
| L18   | 100    | 5 and 12  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:13 |
| L19   | 88     | 18 not (14 or 15 or 17)   | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:13 |
| L20   | 225    | (10 or 11) and 4  | US-PGPUB;<br>USPAT | OR               | ON      | 2006/08/16 13:13 |

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|     |        |   |                    |    |     |                  |
|-----|--------|---|--------------------|----|-----|------------------|
| L21 | 567    | (10 or 11) and (1 same 5)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:14 |
| L22 | 612    | (20 or 21) not (14 or 15 or 17 or 18)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:14 |
| L23 | 56564  | (organic or polymer or polymeric or organometal or organometallic) same (2 or 5)        | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:14 |
| L24 | 1813   | 13 and 23   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:15 |
| L25 | 115473 | 1 and (align\$5 or orient\$6 or rub\$4)   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:15 |
| L26 | 852    | 24 and 25   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:15 |
| L27 | 545    | 26 and (align\$5 or orient\$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:16 |
| L28 | 36690  | 1 same (align\$5 or orient\$6)  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:16 |
| L29 | 3786   | 23 and 28   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:16 |
| L30 | 581    | 23 same 28  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:17 |
| L31 | 519    | 30 not 27   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:17 |
| L32 | 51928  | (liquid with crystal\$5).clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:17 |
| L33 | 12226  | ((organic or polymer or polymeric or organometal or organometallic) same (2 or 5)).clm. | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:18 |
| L34 | 1255   | 32 and 33   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:19 |
| L35 | 671    | 32 same 33  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:19 |
| L36 | 45     | 35 same (align\$5 or orient\$6).clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:20 |
| L37 | 0      | 35 same rub\$3.clm.   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:20 |
| L38 | 11     | 35 and rub\$3.clm.  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:20 |
| L39 | 6      | 38 not 36   | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:22 |
| L40 | 1851   | ((257/E51.044) or (313/111,112)). CCLS.   | US-PGPUB;<br>USPAT | OR | OFF | 2006/08/16 13:22 |
| L41 | 329    | 1 and 40  | US-PGPUB;<br>USPAT | OR | ON  | 2006/08/16 13:23 |

## EAST Search History

|     |       |   |                 |    |    |                  |
|-----|-------|---|-----------------|----|----|------------------|
| L42 | 13820 | phosphores\$5 or electrophosphores\$5 or irppy\$ or (ir adj ppy\$) or (iridium adj (phenylpyridine or (phenyl adj pyridine))) | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:27 |
| L43 | 3044  | 1 and 42  | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:26 |
| L44 | 1     | 43 and (9 or 10 or 12)  | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:28 |
| L45 | 153   | 41 and 42   | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:28 |
| L46 | 122   | 45 not (14 or 15 or 17 or 18 or 20 or 21)   | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:30 |
| L47 | 135   | 41 not (14 or 15 or 17 or 18 or 20 or 21 or 45)   | US-PGPUB; USPAT | OR | ON | 2006/08/16 13:31 |